

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: December 6, 2002, 23:36:56 ; Search time 52 Seconds
(without alignments)
11435.527 Million cell updates/sec

US-10-025-514-7
 Title: 1525
 Perfect score: 1525
 Sequence: 1 tctagaccatgtctggaag.....ccaaactcagaagtagtcgac 1525

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 35025 seqs, 194966369 residues
Total number of hits satisfying chosen parameters: 700850

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Database : Published_Applications_NA:**
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2: /cgn2_6/ptodata/1/pubpna/pct_NEW_PUB.seq:**
3: /cgn2_6/ptodata/1/pubpna/US05_NEW_PUB.seq:**
4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:**
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11: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:**
12: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:**
13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:**
14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:**
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SUMMARIES

Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	442.4	29.0	1345	10	US-09-782-378A-13		Sequence 13, Appl
2	433.2	28.4	1352	10	US-09-964-824A-345		Sequence 545, App
3	433.2	28.4	1371	10	US-09-964-824A-544		Sequence 544, App
4	411.2	27.0	1390	10	US-09-765-231A-19		Sequence 19, Appl
5	224	14.7	594	10	US-09-964-824A-582		Sequence 582, App
6	224	14.7	594	10	US-09-954-456-1989		Sequence 1989, Ap
7	224	14.7	594	10	US-09-865-813-1		Sequence 1, Appli
8	219.2	14.4	1422	10	US-09-880-107-2090		Sequence 2090, Ap
9	216.2	14.2	1422	10	US-09-917-800A-1421		Sequence 1421, Ap
10	192.8	12.6	1872	10	US-09-880-107-2457		Sequence 2257, Ap
11	192.2	12.6	1245	10	US-09-755-665-13		Sequence 13, Appl
12	182.6	12.0	2031	10	US-09-917-800A-1325		Sequence 1325, Ap
13	161	10.6	391	10	US-09-960-352-13287		Sequence 13287, A
14	146.4	9.6	430	10	US-09-960-352-10531		Sequence 10531, A
15	135.8	8.9	444	10	US-09-960-352-14649		Sequence 14649, A
16	135.6	8.9	418	10	US-09-960-352-7066		Sequence 7066, Ap
17	134.2	8.8	1710	9	US-09-912-628-2		Sequence 2, Appli
18	126.2	8.3	1632	9	US-09-912-628-3		Sequence 3, Appli
19	125.4	8.2	430	10	US-09-960-352-5191		Sequence 5191, Ap

ALIGNMENTS

RESULT 1

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US-09-782-378A-13
: Sequence 13, Application US/09782378A
: Patent No. US20020102731A1.
:
: GENERAL INFORMATION:
:
: APPLICANT: Hearing, Patrick
: APPLICANT: Bahou, Wadie
: APPLICANT: Sandalon, Ziv
: APPLICANT: Gnatenko, Dmitri
: TITLE OF INVENTION: Adenoviral Vectors
:
: FILE REFERENCE: STONYB-04970
: CURRENT APPLICATION NUMBER: US/09782,378A
: CURRENT FILING DATE: 2001-03-12
: PRIOR APPLICATION NUMBER: 60/237,747
: PRIOR FILING DATE: 2000-10-02
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 13
: LENGTH: 1345
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-782-378A-13

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Query Match	29.0%	Score 442.4	DB 10	Length 1345
Best Local Similarity	59.9%	Pred. No. 3.2e-104		
Matches 740	Conservative	0	Mismatches 496	Indels 0
Gaps	0			
284	GTGTTGTATGGTATGTGTGTAAGTCTCTGTGTTTCCCCAGTCAAGGCCATGGAGACCC	343		
Ddb	32 GTGGGCATCTCTCGCAGCCCTGTGCTGCTGTCTCCCTGTCTCCCTGGCTGAGGATCC	91		
344	TCAAGGGACGCCGCTCAAAAACCGACACCGAGTCATACGACACCAGACCATCCGACTTT	403		
Ddb	92 CCAGGGAGATGCTGCCACAGAAGACAGATACATCCCAACCATGATCAGGATCACCCAAACCTT	151		
404	TAATAAAATTACTCCAAATTTACGCCAATTTTGCTTTTCTTTGTTATAGACAATATAGTCA	463		
Ddb	152 CAACAAGATCACCCCAACCTGCTGAGTTCGCCCTTCACGCCTATACCGCAGCTGGGCACA	211		
464	TCAAGTAAATTTACTAACATTTTTTTTTTTAGTCTGTTTCTATATGGCACTGCTTTTCGCCAT	523		
Ddb	212 CCAGTCACACGACCAATAATCTTTCTCCCACTGGAGCATCGGTACAGGCTTTGCAAT	271		

Qy	958	TTCA	TGTTGATCAAGTTACTACTGTC	AAAGTTCCAA	TGATGATGAA	AAGACTGGGTATGTTCA	1017
Db	714	TCCACG	TGGACAGGTGAC	ACCGTGAAGGTGCC	TATGATGA	AGCGTTTAGGCATGTTA	773
Qy	1018	ATAT	TCAACATTCCAAAAATTAAGTTCT	TTGGTCTTATTAATGA	AGTATTTAGGTAA	CG	1077
Db	774	ACAT	TCCAGCACTCTAGAAGAGCTGTCC	AGGTGGTCTGCTGATGA	ATAACCTTGGC	CAATG	833
Qy	1078	CTACT	CGTATTTTTTTTTTTTACCAGACGAAGGTAA	AGCTTCAACATTTAGAGA	AATCAGTTGA	1137	
Db	834	CCACG	CCCATCTCTTCCTCGCTGATAGGGG	AAACTACAGCACTGG	AAATGA	ACTCA	893
Qy	1138	CTCAT	GACATATTACTAAATTTTTTAGAGACGAGGATCG	TCGTAGCGCTTCTCTGC	CAAC	1197	
Db	894	CCACG	ATATCATCACCAAGTTCCCTGGAAAA	TGAAGACAGAAGGCTCG	CCAGCTTACAT	953	
Qy	1198	TGCA	AAAGTTAAGTATCACCGGTACTTACGAC	TTAAATCTGTTT	TAGGCCAGTTAGGTA	1257	
Db	954	TACCA	AACTGTCCATTCTTGGAACTATGATCTGA	AGAGGCTCCTGGGTCA	CACTGGGCA	1013	
Qy	1258	TTACCA	AAAGTTTTTCTAAACGTTGCCGATTTT	TGAGTGGTGTACTGA	AGAAGCTCCATTA	1317	
Db	1014	TCAC	TAAAGTCTTCAGCAANTGGGCTGACCTCT	CCGGGTCACAGAGGAGGCAC	CCCTGA	1073	
Qy	1318	AATT	GAGTAAAGTGTTTCAACAAGCCGTCTTAA	CTATTGTATGA	AAAGGTACCGAG	CCG	1377
Db	1074	AGCT	CTCCAAGGCCGTGCATAAGGCTGTGCT	GACCATCGACGAGAAAGG	GACTGA	AGCTG	1133
Qy	1378	CCGG	CGCTATGTTCTGGAAGCTATTCCAN	TGAGCATTCACCA	GAGAAGTTAAAT	TTAATA	1437
Db	1134	CTGG	GCCATGTTTTTAGAGGCCATACCC	CACTGTCTATCCCCCGAGGTCA	AGTTCA	AA	1193
Qy	1438	AA	CAATTCGTTTTTCTGTGATGTCGAGCAGAC	ACTTAA	AAAGCCCAT	TGTTATGGT	1497
Db	1194	AAC	CTTTGCTCTTAAATGATTGA	CAAAATACCA	AGCTCTCC	CTT	1253
Qy	1498	TTCT	CAACCCCACTCAGAGTA	1519			
Db	1254	TG	TGAATCCCACCCAAAAATA	1275			

RESULT 3

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US-09-964-824A-544
; Sequence 544, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: patentIn version 3.0
; SEQ ID NO 544
; LENGTH: 1371
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(1371)
; OTHER INFORMATION: n=a,t,g or c
US-09-964-824A-544

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Query Match	28.4%	Score 433.2;	DB 10;	Length 1371;
Best Local Similarity	59.7%	Pred. No. 7.4e-102;		

Matches	729;	Conservative	0;	Mismatches	493;	Indels	0;	Gaps	0;
QY	298	TGTGTGGTAAGCTCTGTGTGTTTCCCGAGTCAAGGCCATGAAGACCTCTCAAGCGCAGCGC	357						
Db	73	TGGAGGCGCTGTGCTGCCTGGTCCCTGTCTCCCTGGCTGAGGATCCCGAGGAGATGCTG	132						
QY	358	CTCAAAAAACCCAGCAGCTCATCAGGACCAAGACCATCCGACTTTTAAATAAATTAATCTC	417						
Db	133	CCGAGAAGACAGATACATCCCAACCATGATCAGGATCACCAACCTTCAACAAGATCACCC	192						
QY	418	CAAAATTTAGCCGAATTTGCTTTTCTTTGTATAGACAATTAAGTCATCAAAAGTAATTTCTA	477						
Db	193	CCAACCTGGCTGAGTTCGCCTTACGCCATACCGCCAGCTGGCACACAGCTCCAACACCA	252						
QY	478	CTAAACATTTTTTTTAGTCCTGTTCTATNTGGCACTGCTTTCGCCATGTTGAGTTTAGGTA	537						
Db	253	CCAAATATCTTCTTCTCCCAAGTGAGCATCGGCTACAGCCTTTTGCATATCTCTCCCTGGGGA	312						
QY	538	CTAAAGCCGATACCCATCAGCAGATTTTGAAGAGTTTAAACTTTTAAATTTGACCCGAAATCC	597						
Db	313	CCAAGCTGACACTCACGATGAATCCCTGGAGGGCTGAAATTTCAACCTCACGGAGATTC	372						
QY	598	CAGAGGCCAATTCACGAGGTTTTTCAAGAGTTGTTGAGAACITTTGAATCAACCTGATTT	657						
Db	373	CGGAGGCTCAGATCCATGAAGGCTTCCAGGAACCTCTCCGTACCCCTCAACGAGCCAGACA	432						
QY	658	CTCAATTTGCAATTTAACTACTGTGTACGGTTTATTTTGTCTGAAGTTTAAATTTGGTTG	717						
Db	433	GCACGCTCCAGCTGACACCGCCATGCCCTGTTCCTCAGCGAGGGCTGAAGCTAGTGG	492						
QY	718	ACAAATTCCTTAGAGACGCTCAAGAACTATATCATAGTGAGGCTTTTACCCTTAATTTTG	777						
Db	493	ATAAGTTTTTGGAGGATGTTTAAAAGTTGTACCACCTCAGAAAGCCTTCACTGTCAACTCG	552						
QY	778	GTGATACTGAGGAAGCTAAAAGCAATTAATGATTAATGTTGAGNAAGGCCACCCAGGGTA	837						
Db	553	GGGACCCGAGAGGCCAAGAACAGATCAACGATTAAGTGGAGAAGGGTACTCAAGGGA	612						
QY	838	AGATCGTTGACCTAGTTTAAAGAAATTAGATCGTGATACCGCTCTCGCACACTAGTTAACTATA	897						
Db	613	AAATTTGTGGATTTGGTCAAGGAGCTTGACAGACACACAGTTTGTCTGTGTAATACA	672						
QY	898	TTTTTTTCAAGGTAAGTGGAAGCTCCTTTCGAGGTTAAAGATACTGAAGAGAAATTT	957						
Db	673	TCTCTTTTAAAGGCATTTGGGAGAGACCCCTTTGAAGTCAAGGACCCGAGGAAGAGGACT	732						
QY	958	TTCATGTTGATCAAGTTACTACTGTCAAGTTCCAATGATGAAAAGACTGGGGTATGTTCA	1017						
Db	733	TCCAGCTGGACCGGTGACCAACCGCTGAAGGTGCCTATGATGAACGCTTTAGGCATGTTA	792						
QY	1018	ATATTCACATTTGCAAAAATTTAAGTTCTGGGTCTTTATTAATGAAGTATTTAGGTAAAG	1077						
Db	793	ACATCCAGCATGTAAGAAGCTGTCCAGCTGGGTGCTGCTGATGAATACTCTGGGCAATG	852						
QY	1078	CTACTGCTATTTTTTTTTTACCAGCAAGTAAGCTTCAACATTTAGAGAAATCAGTTGA	1137						
Db	853	CCACGCCATCTCTCTCTGCTCATGAGGGAACCTACAGCACCTCGAANAATGAACCTCA	912						
QY	1138	CTCATGACATTTATTACTAAATTTTTTAGAGAACGAGGATCGTGFAGCGCTTCTCTGCACC	1197						
Db	913	CCCACGATATCATCACCAGTTTCCCTGGAAAATGAAGACAGAAGGCTGTGCCAGCTTACATT	972						
QY	1198	TGCCAAAGTTTAAGTATCACCGGTACTTACGACTTAAATCTGTTTTAGGCCAGCTTAGGTA	1257						
Db	973	TACCCAAACTCTCATTTACTTGGAAACCTATGATCTGAAGAGCGTCTCGGGTCAACTGGGCA	1032						
QY	1258	TTACCAAAGTTTTTTTCTAAACGGTGCCCATTTGAGTGGTGTACTTGAAGAAGCTCCCATTA	1317						
Db	1033	TCACTAAGGCTCTCAGCAATGGGGCTGACCTCTCCGGGGTCCACAGGAGGACCCCTGA	1092						
QY	1318	AATTGATTAAGCTGTTTCAAAAGCCGCTTTAACTATTGATGAAAAGGGTACCGAGCGC	1377						
Db	1093	AGCTCTCCAAGGCGTGCATAAGGCTGTGCTGACCATTCGACGAGAAAGGACCTGAAGCTG	1152						

[illegible]

RESULT 4

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RES001 4
US-09-765-231A-19
; Sequence 19, Application US/09765231A
; Patent No. US20020119452A1
; GENERAL INFORMATION:
; APPLICANT: Searle/Monsanto
; APPLICANT: Phippard, Deborah
; APPLICANT: Vasanthakamur, Geetha
; APPLICANT: Dotson, Stanton
; APPLICANT: Ma, Xiao-Jun
; TITLE OF INVENTION: Osteoarthritis tissue-derived nucleic acids, polypeptides,
; and cells
; FILE REFERENCE: SO-3221 ER
; CURRENT APPLICATION NUMBER: US/09/765, 231A
; CURRENT FILING DATE: 2001-01-18
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 19
; LENGTH: 1390
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-231A-19

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Query Match	27.0%;	Score	411.2;	DB	10;	Length	1390;
Best Local Similarity	59.6%;	Pred.	No. 3.4e-96;				
Matches	729;	Conservative	0;	Mismatches	493;	Indels	2;
Gaps							
QY	298	TGTTGGTAAAGTCCTGTGTTTCCCAGTC	CAAGGCCATGGAAGACCCCTCAAGCGACGCCG	357			
DB	69	TGGCAGGCGTGTGCTGCCTGGTCCCTGTC	TCCCTGGCTGAGGATCCCCAGGAGATGCTG	128			
QY	358	CTCAAAAACCGACACAGTCATCATAGGACCAAGACCATCCGAC	TTTAAATAAAATTACTC	417			
DB	129	CCAGAAGACACATATCCCAACCATGATCAGGATCACCCAAACCTT	CAACGAAGATCACCC	188			
QY	418	CAAAATTAGCCGAATTTGCTTTTCTTGTATAGACAATTAGCTCAT	CAAAAGTAATTTCTA	477			
DB	189	CCAACTTGCCTGAGTTCGCCTTCACGCTATACCGCCAGCTGGCACAC	CACCCAGTCCCAACGCA	248			
QY	478	CTAAACAATTTTTTTTGTAGTCCTGTTCTCTATGCGCATGCTTT	CGCCATG-TTGAGTTT	536			
DB	249	CCAATATCTCTCTCCGCCAGTGAGCATCGCTACAGCCTTTGCAATGCT	CTCCCTGGGGG	308			
QY	537	ACTAAAGCCGATACCCATCAGCAGATTTTAGAAGGTTTAAACTTTAA	TTTACGCGGAATC	596			
DB	309	ACCAAGCTGACACTCACCATGAATTCCTGGAGGSCCTGAATTTCA	CAACTCACGAGATT	368			
QY	597	CCAGAAGCCCAATTCACGAGGGTTTTCAAGAGTTGTTTCAGNACTT	TGAATCAACCTGAT	656			
DB	369	CCGAGAGGCTCAGATCCATGAAGGCTTCCAGGAACCTCCCGTACCCT	CAACGAGCGAC	428			
QY	657	TCFCAATTGCAATTAACTACTGTGTAACGGTTTATTTTTTGCTGAAG	TTTAAAAATTGGTT	716			
DB	429	AGCCAGCTCCAGCTGACCAACCGCAATGSCCTGTCCCTCAGCGAGG	CGCTGAAGCTAGT	488			
QY	717	GACAAATTCCTAGAAGAGCTCAAGAACATATATCATAGTAGGCTTT	TACGGCTTAATTTT	776			
DB	489	GATTAAGTTTTTGGAGGATGTTAAAAAGTTGTACCACCTCAGAAG	ACGCTTCACGTCAACTC	548			
QY	777	GGTGATACTGAGGAAGCTAAAAAGCAAAATTAATGATTATGTTGAA	AGAGGACCCAGGTT	836			

REFUT. 5

RESULT 3
 US-09-964-824A-582
 ; Sequence 582, Application US/09964824A
 ; Patent No. US20020102531A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Horrigan, Stephen
 ; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Sign
 ; TITLE OF INVENTION: Sets
 ; FILE REFERENCE: 689290-73
 ; CURRENT APPLICATION NUMBER: US/09/964,824A
 ; CURRENT FILING DATE: 2001-09-27
 ; PRIOR APPLICATION NUMBER: US/60/236,033
 ; PRIOR FILING DATE: 2000-09-28
 ; PRIOR APPLICATION NUMBER: US/60/236,032
 ; PRIOR FILING DATE: 2000-09-28
 ; PRIOR APPLICATION NUMBER: US/60/236,028
 ; PRIOR FILING DATE: 2000-09-28
 ; NUMBER OF SEQ ID NOS: 363
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 582
 ; LENGTH: 594

; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020119462A1 M63991
US-09-917-800A-1421

Query Match 14.2%; Score 216.6; DB 10; Length 1714;
Best Local Similarity 50.5%; Pred. No. 3.7e-46;
Matches 590; Conservative 0; Mismatches 564; Indels 15; Gaps 2;

QY 372 ACCAGTCATCAGCACCACCATCGGACTTTTAAATAAATTACTCCAAATTTAGCCGAA 431
DB 69 ACTGTCATTTGCCCCAAACAAATGCCACTCTCTAAGATGCCATCTATCAATGCTGAT 128
QY 432 TTGCTCTTTTCTTTGTATAGACAAATAGCTCATCAAGAGTAATCTACTAACATTTTTTTT 491
DB 129 TTGCTCTCAGCTGTATCGGAGCTCTCTGTGGAGAACCCAGATTTGAACATCTTCTTC 188
QY 492 AGTCCTGTTTCTATTGCCACTCTTTGCGCATGTTGAGTTTGTAGTACTAAAGCCGATACC 551
DB 189 TCCCTGTGAGCATATCTGCTCTTTAGCCATGCTTTCTTTGGATCTGGCTCTAGCACC 248
QY 552 CATGACGAGATTTAGAGGTTTAAACTTTAATTTGACCGAAATCCAGAGCCCAAAAT 611
DB 249 CAACACAGATTTCTGGAGTCTTGGGTTTAACTCTACAGACACCTCTGTGAAGAAATTA 308
QY 612 CACGAGGTTTCAAGAGTTGTGAGAACTTTGAATCAACCTGATCTCAATTCGAATTA 671
DB 309 CAACAGGCTTCCAGCATTTGATCTGTTCAATTTGAATTTCCCAATTAATGAACCTGGAATG 368
QY 672 ACTACTGGTAAACGGTTTATTTTGTCTGAAGGTTTAAATTTGTTGACAAATTTCTAGAA 731
DB 369 CAGATGGGAAATGCACTTTTATTGGGCAACAGCTGAAACCACTGGCAAGTTTGTGAT 428
QY 732 GACGTCAGAACTATATCATAGTACGCTTTTACCGTTAATTTGGTGATGACTGAGAA 791
DB 429 GATGTCAGAGCCCTCTAGAACTGAAGTCTTTTCTACTGACTTCTCCAAATGTTTCTGCA 488
QY 792 GCTAAAAAGCAATTAATGATTTATGAGAAAGCCACCGAGGTAAGATGTTGACCTTA 851
DB 489 GCCAGCATGAGTCAACAGTTATGTGGAGAGCAACCAAGGAAATTTGTAGGCTTA 548
QY 852 GTTAAAGAAATAGATCGTGATACCGTCTTCGCACCTAGTAACTATATTTTTTCAAGGGT 911
DB 549 ATTCAAGACCTCAAACTGAACATTTATCATGATCTCTGGTGAACATATATTCATTTCAAAGCC 608
QY 912 AAGTGGGAAGCTTCCTTCGAGGTTAAAGATACCTAGAG---GAAGATTTTCATGTTGAT 968
DB 609 CAGTGGGCAATCTCTTTTCGTGTATCTTAAACAGAGAGAGTTCCAACTTCTCAGTGGAC 668
QY 969 CAAGTTACTACTGTCAAAAGTTCCAAATGATGAAAGACTGGGTATGTTCAATATTCAACAT 1028
DB 669 AAGACACACAGTACAAGTGCCTATGATGACCAAGCTAGAACAACTACTATCATTTAGTG 728
QY 1029 TGCAGAAATTAAGTCTTGGGCTTATTAATGAAGTATTTAGTAAAGCTGCTGATTT 1088
DB 729 GATGTGGAGCTGAATTTGTACAGTACTTCAAAATGGACTATAGTCAAAATGCCCTGGCCT 788
QY 1089 TTTTCTTACCAGAGGTAAGTTCAACATTTTAGAGATGAGTTGACTCATGACATTT 1148
DB 789 TTTGCTCTCCAGAGGAAGGCACATGGAATGGGTGGAAGCAGCCATCTCATCTAANAACA 848
QY 1149 ATTACTAAATTTTAGAGAACGAGGATGCTGTAGCGCTTCTCTGCACCTGCCAAAGTTA 1208
DB 849 CTGAAGAGTGAACCATTTATTGCAGAAAGGATGGGTGGAATTTGTTTCCAAAGTTT 908
QY 1209 AGTATCAGGCTACTTACGACTTTAAATCTGTTTGTAGCCAGTTAGGTATTTACCAAGTT 1268
DB 909 TCCATTTCTGCCACATATGACCTTTGGAAGTACACTTCAAGAGATGGGTATGAGGATGCC 968
QY 1269 TTTTCTTAACGGTGGCGATTTTCAAGTGTGTTTACTCAAGAGCTCCATTAATTAATGAGTAA 1328
DB 969 TTTGCTGAAGTGTGACTTCTCTCGAATCAAAAAGCAATGCTCTAANAACCTTTCTCTAT 1028

QY 1329 GCTGTTTCAAAAGCCGCTCTTAACTATTGATGAAAAGGTTACCGAGGCCGCCGCTATG 1388
DB 1029 CTTTTCACAAAGGCTGTGCTACACATTTGGTGAAGAGGAACTAAAGAGGAGCTTCTCT 1088
QY 1389 TTCCTGGAAGCTAT-----TCCATGAGCATTCACACAGATTAATTAAT 1436
DB 1089 GAAGCTGATCTCTGGATCAGCCAGAGTAGTCTCTTTCACGCTGCATCCGATTTGAT 1148
QY 1437 AAACCATTTCTGTTTCTGATGATCGAGCAACACATAAAAGCCCATTTGTTTATGGTAAG 1496
DB 1149 AGAATTTCTTACTGATGATCTTAGAGAAAGCAACAGAGTGTCTCTTTTAGGGAAA 1208
QY 1497 GTTGTCAACCCCACTCAGAGTAGTCGAC 1525
DB 1209 GTTCTTGACCCCAACAAAAGAGTAATTAAC 1237

RESULT 10
US-09-880-107-2257
; Sequence 2257, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 2257
; LENGTH: 1872
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 M14091
US-09-880-107-2257

Query Match 12.6%; Score 192.8; DB 10; Length 1872;
Best Local Similarity 49.2%; Pred. No. 5.1e-40;
Matches 574; Conservative 0; Mismatches 577; Indels 15; Gaps 2;

QY 373 CCAGTCATCAGCACCAGACCATCCGACTTTTAAATAAATTACTCCAAATTTAGCCGAAT 432
DB 416 CTTGCCATTCATCCCAACCAATGCCCACCTCTTACAGATGTCTATCCATTAATGCTGACT 475
QY 433 TTGCTTTTCTTTGTATAGACAATTAGCTCATCAAAAGTAATTTACTTAACATTTTTTTTA 492
DB 476 TTGCAITCAATCTGTACCGGAGGTTTCACTGTGAGACCCAGATAGACATCTTCTTTT 535
QY 493 GTCTGTTTCTATTGCACTGCTTTTCCGATGTTGAGTTAGGTACTAAAGCCGATPACC 552
DB 536 CCCTGTGAGCAATTTCTGAGCTTTGTTTATGCTTTCTTTTGGGCTGCTGTCAGCACCC 595
QY 553 ATGACGAGATTTTAGAAGGTTTAAACTTTTAAATTTGACCGAAATCCAGAGGCCAAATTC 612
DB 596 AAAGTGAATTTGGAGACCTTGGGTTTCAACCTCAGACACTTCCAAATGGTAGATATCC 655
QY 613 ACGAGGTTTTCAGAGTTGTTTGGAGAACTTTGAATCAACCTGATTTCTCAATTTGCAATTA 672
DB 656 AGCATGGCTTCCAGCATCTGATCTGTTTCACTGAATTTTCCAAAGAGGAACTGGAATTCG 715
QY 673 CTACTGGTAAGGTTTATTTTGTCTGAGAGTTTAAATTTGTTGACAAATTTCTTAGAAG 732
DB 716 AGATAGGAATGCCCTCTTTCATTTGGCAAGCATCTGAAACCACTGGCAAAAGTTCTTGAATG 775

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733 ACGTCAAGAACTATATCATAGTGAAGCTTTTACCGTTAAATTTTGGTGAATGACTGAGGAAG 792
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
776 ATGTCAGAGCCCTCTATGAGACTGAAGCTTTTCTACCGACTTCTCCAACTTTCTCGAC 835
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
793 CTAAAAAGCAATTAATGATTATGTTGAGAAAGCCACCCAGGGTGAAGATCGTTGACCTAG 852
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
836 CCAAGCAGGAGATTAACAGTCAATGAGATGCAAAACCAAGGGAAGTTGTGGGTAA 895
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
853 TTAAGAATTAAGATCGTGAATACCTCTTCGACACTAGTAACTATATTTTTCGAAGGTA 912
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
896 TTCAGAGCTCAAGCCCAACACCACTATGTTGTTAGTGAATATATTAATCAAGCCC 955
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
913 AGTGGGAAGCTCTTTCGAGGTTAAAGATACCTGAAGA---GGAAGATTTTCATGTTGATC 969
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
956 AGTGGCAAAATCTTTGATCCATCCAGACAGAGACAGTCCAGCTTCTTAATAGACA 1015
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
970 AAGTTACTACTGTCAAGTTCANATGATGAAGAAAGTGGGTATGTTCAATATTCACAT 1029
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1016 AGACCAACCTGTTCAAGTGCCCATGATGACACAGATGGAACAAATACATCACCTAGTG 1075
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1030 GCAAAAATTAAGTCTTGGGTCTTATTAATGAAGTATTTAGGTAAGCTACTGCTATTT 1089
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1076 ATATGGAATTAAGTGCACAGTCTGCAATGGAATGGAACAAATGCTCTGCACTCT 1135
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1090 TTTTATTTTACAGACGAAGGTAAAGTTCACATTTAGAGAAATGAGTGAATGACTCATGACATTA 1149
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1136 TTGTTCTTCCCAAGGAGGACAGATGAGTCAAGTGAAGCTGCCATGTCATCTAAACAC 1195
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1150 TTACTAAATTTTAGAAGACGAGGATCGTGTAGCGCTCTCTGACCTGCCAAAGTTAA 1209
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1196 TGAAGAAGTGGAAACCGCTTACTACAGAGGAGTGGGTGACTGTTGTTGTTCCAAAGTTT 1255
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1210 GTATACCGGTACTACGACTTAAATCTGTTTATAGGCGAGTGAAGTATTTACCAAGTTT 1269
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1256 CAAATTCGCCACATATGACCTTGAGCCACACATTTTGAAGATGGCATTCAGCATGCT 1315
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1270 TTTCTAACGGTCCGATTTAGTGGTGTGCTGTAAGAGAGTCCCATTAATAATGAGTAAG 1329
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1316 ATTTCAAAATGCTGATTTTCTGACTCACAGAGGACAAATGGTCTGAAACTTTTCCAAATG 1375
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1330 CTGTTCAAAAGCGCTTTAACTATTGATGAAGAGGTACGAGCGCGCGCGCTATGT 1389
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1376 CTGCCATTAAGGTGCTGACATTTGTTGAAGAGGAACTGAAGCTGAGCTGTCCTG 1435
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1390 TCTCTGAA-----GCTATTCATGAGCATTCACAGAGGACAAATGGTCTGAAACTTTTCCAAATG 1437
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1436 AAGTTGACTTTCGGATCAGCTGAAACACATTTCTACACCTATTTATCCAAATGATA 1495
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1438 AACCATTCGTTTCTGATGATGAGCAGACAACTAAAGCCCATTTGTTATGGTAAAG 1497
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1496 GATCTTTTCAATGTTGATTTTGGAGAGGACACAGAGGATTTCTCTTTCTAGGGAAG 1555
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1498 TTGTCACCACTCAGAGTACTCG 1523
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1556 TTGTGAACCAACGAGGAGCTAGTTG 1581

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RESULT 11
US-09-755-665-13
; Sequence 13, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailion, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724

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; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 13
; LENGTH: 1245
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1245)
US-09-755-665-13

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Query Match 12.6%; Score 192.2; DB 10; Length 1245;
Best Local Similarity 49.2%; Pred. No. 6e-40;
Matches 537; Conservative 0; Mismatches 548; Indels 6; Gaps 1;

Qy 429 GAATTTGCTTTTCTTTTGTATAGACAATTAGCTCATCAAGTAATTTCTACTTAACATTTT 488
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
160 GACTTAGGCTTTAAGCTGCTCAAGAAAGCTGGCCTTTTACAACCTTGGCAGGAACATCTTC 219
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
489 TTTAGTCTGTTTCTATTTGCCACTGCTTTCGCATGTTGAGTTTGAAGTAAAGCCGAT 548
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
220 CTATCCCCCTTGAGCATCTCTACAGCTTTCTCCATGCTGTGCTGGTGGCCAGGACAGC 279
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
549 ACCCATGACGAGATTTTAGAAGGTTTAAACTTTTAAATTTGACCGAAATCCACGAAGCCAA 608
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
280 ACCCTGGACGAGATCAAGCAGGGGTTCACTTCAGAAAG-----ATGCCAGAAAAGAT 333
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
609 ATTACAGAGGTTTCAAGAGTTGTTGAGAACCTTTGAATCAACCTGATTTCTCAATTTGCAA 668
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
334 CTTCATGAGGCTTCCATTCATCCACGAGCTGACCCAGGAAGACCCAGGACCTCAAA 393
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
569 TTAACACTGTTGACGGTTTATTTTGTCTGAAAGTTTAAATTTGTTGACAAATTTCTTA 728
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
394 CTGAGCATTTGGGAACACGCTGTTCTATTGACAGAGGCTGCAGCCACAGCGTAAGTTTTC 453
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
729 GAAGACGCTCAAGAAACTATATCATAGTAGGCTTTTACCCTTAAATTTTGGTGAATGAG 788
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
454 GAAGATGCCAAGACTTTTACAGTGCGGAAACCATCTTTACCAACTTTTCAAGATTTTGAA 513
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
789 GAAGCTAAAAAGCAATTAATGATTATTTGAGNAAGCCACCCAGGGTGAAGTCTGTGAC 848
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
514 ATGGCTCAGAGCAGATCAATGACTTTATCAGTCAAAAACCCCATGGGAAATTAACAAC 573
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
849 CTAGTTAAAGAAATTAGATCGTGATACCGCTTTCCGCACTAGTTAACTATATTTTTCAG 908
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
574 CTGATCGAAGATATAGACCCCGGACCTGTGATGCTTCTGCAATTAATTTTCTTCGA 633
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
909 GGTAAAGTGGGAACGCTCTTTCGAGGTTTAAAGATATCTGAAGAGGAAGATTTTCATGTT 968
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
634 GCCAGGTGGAAACATGAGTTTGTATCCAAATGTAACATAAGAGGAAGATTTCTTTCTGG 693
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
969 CAAGTTACTACTGTCAAAGTTCCAATGATGAAGAGACTGGGTATGTTCAATATTTCAACAT 1028
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
694 AAAAACAGTTCAGTCAAGTGCCCATGATGTTCCGTTAGTGCATATACCAAGTTGGCTAT 753
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1029 TGCRAAAATTAAGTTCTTGGTCTTTAATTAAGTATTTTAGTGAAGCTGCTACTTATT 1088
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
754 GACGATAAGCTCTCTTGCAACCATCTCTGGAATACCTTACCAGAAAATATCACAGCCATC 813
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1089 TTTTATTTTACCAGACGAAGGTAAGCTTCAACATTTTAGAAGATGAGTTGACTCATGACAT 1148
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
814 TTCATCTTCTGATGAGGCAAGCTGAAGCACTTGGAGAAGGATTTGCAAGTGGGACACT 873
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1149 ATTACTAAATTTTGAAGAACGAGGATGCTGTAGCGCTTCTCTGCACTTCCCAAGTTA 1208
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
874 TTCTCCAGATGGAAAACATTAATGTCACGAGGGTGGTAGAGGTGCTGTACCCAGACTC 933
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1209 AGTATCACGGTACTTACGACTTAAATCTGTTTATAGCCAGTTAGTATTTACCAAGTT 1268
Db      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
934 CACATGACGGGACCTTGCACCTGAAGAGACTCTCTCTACATAGGTGTCTCCAAAATC 993
Qy      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1269 TTTTCTAAAGGTGCCGATTTGAGTGGTGTACTGAAGAAGCTCCATTAATTTGAGTAA 1328

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Db 994 TTTGAGAACATGCTGATCTCACCAGATCGCCCTCATCGAGCTGAAAGTGGCGAG 1053
Qy 1329 GCTGTTACAAAGCGCTTTAACTATTGATGAAAGGTTACGAGGCGCGCGGCTATG 1388
Db 1054 GCTGTGCAAGCGCTGAGCTGAAGATGATGAGAGGGGTACGGAAGGCGCGCTGGCACC 1113
Qy 1389 TTCTCTGGAAGCTATTCCCAATGAGATTCACACAGAGTTAAATTTAAATAACCATTCGTT 1448
Db 1114 GGAGCAGACATCTGCCCATGGAGACACATCTGTCGTCAGATAGACAAACCTTATCTG 1173
Qy 1449 TTCTGATGATCGAGCAGCAACTAAAGCCCATTTGTTATGGTAAAGTTGTCAACCCA 1508
Db 1174 CTGCTGATTACAGCGAGAAATACCTTCGCTGCTCTTCTCTGGGAAAGATTGTTAAACCT 1233
Qy 1509 ACTCAGAGTA 1519
Db 1234 ATTGGAAATA 1244

RESULT 12

US-09-917-800A-1325
; Sequence 1325, Application US/09917800A
; Patent No. US20020119462A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Porter, Mark
; APPLICANT: Johnson, Kory
; APPLICANT: Castle, Arthur
; APPLICANT: Elashoff, Michael
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5038-US
; CURRENT APPLICATION NUMBER: US/09/917.800A
; CURRENT FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/222,040
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 60/222,880
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/290,029
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,645
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: US 60/292,336
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/295,798
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/297,457
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/298,884
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/303,459
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 1740
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1325
; LENGTH: 2051
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020119462A1 D00753
US-09-917-800A-1325

Query Match 12.0%; Score 182.6; DB 10; Length 2051;
Best Local Similarity 50.5%; Pred. No. 2.2e-37;
Matches 499; Conservative 0; Mismatches 484; Indels 6; Gaps 2;

Qy 427 CCGAATTTCTTTCTTTGTTATAGACAAATAGCTCATCAAGTAATCTACTACATTT 486
Db 238 CTGACTTTGCTTACAGCCTCTACAGAGAGCTGCTTTGAGGAATCCAGATAAAATGTTG 297
Qy 487 TTTTATGCTCTTCTTATGCTCATGCTTTTCGCGCATGTTAGTTAGTACTAAAGCCG 546

Db 298 TCCTTCTCCCATCTAGCATCTCAGCCGCCCTTGCCCGTGTGCTCCCTGGGAGCAAGGGCA 357
Qy 547 ATACCATGACGAGATTTTGAAGGTTTAACTTTTAACTTTGACCGAAATCCCAAGAGCCC 606
Db 358 ACAGCATGGAAGAGATTTTGAAGGTTTAACTTTTAACTTTGACCGAAATCCCAAGAGCCC 417
Qy 607 AAATTCACGAGGTTTTCACAGAGTTTGAAGGTTTGAAGGTTTGAAGGTTTGAAGGTTTGA 666
Db 418 AAATTCACGAGGTTTTCACAGAGTTTGAAGGTTTGAAGGTTTGAAGGTTTGAAGGTTTGA 477
Qy 667 AAATTCACGAGGTTTTCACAGAGTTTGAAGGTTTGAAGGTTTGAAGGTTTGAAGGTTTGA 736
Db 478 AGATCAGTACAGGCAATGCTGTTTATGAAAGGCTTTCAGGCTCTGCGCAGAGTTCC 537
Qy 727 TAGAAGAGCTCAGAAAGTATATCATAGTACGAGCTTTTACCGTTTAACTTTTGGTGTACTG 786
Db 538 AGGAAAGGCAAGGCTCTGTACCAAGCTGAGGCTTTCACAGCTGATTTTCCAGCAGTCTC 537
Qy 787 AGGAAAGTCAAGGCTTTCACAGCTTTCAGGCTTTCAGGCTTTCAGGCTTTCAGGCTTTCAG 846
Db 598 GTGAGGCCAAAGGCTCATCAATGACTATGTGATTAACAGACCCAGGGGAGAGTCCAGG 657
Qy 847 ACCTAGTTAAAGAAATAGATCGTATACCTCTTCGCACTAGTTAACTATATTTTTTCA 906
Db 658 GACTGATCACAACCTAGCTAGTAAAGAGACATCCATGCTGCTGCTGCTGCTGCTGCTGCTG 717
Qy 907 AGGTAAGTGGGACGCTCTTTCGAGGTTTAAAGTACTGAAGAGGAGAGATTTTCATGTTG 966
Db 718 AAGCAAAATGGAAGGCTGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCAG 777
Qy 967 ATCAAGTTTACTACTGTCAAAATGTTTCAATGATGAAAGGCTTTCGAGGCTTTCGAGGCTTTC 1024
Db 778 GCAAAAGGAGGCTGCTGAAAGTGCCTGATGAGCTTTCGAGGCTTTCGAGGCTTTCGAGGCT 837
Qy 1025 -ACATTGCAAAATTAAGTCTTTCGCTCTTATTAAGTATTAAGTATTAAGTATTAAGTATTA 1083
Db 838 TCCGGGATGAGGAGCTGAACTGCACTGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCAG 897
Qy 1084 CTATTTTTCCTTTCACGAGAGGTAAGCTTCAACATTTAGAGATGAGTTCGACTCATG 1143
Db 898 CCCTGTTTTCCTTTCACGAGAGGTAAGCTTCAACATTTAGAGATGAGTTCGACTCATG 957
Qy 1144 ACATTATTAATTAATTTTGAAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCT 1200
Db 958 AGACCTTGAGGAGATGGAAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCT 1017
Qy 1201 CAAAGTTAAGTATCAGCGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTC 1260
Db 1018 CCAAGTTTCTCCATCTCTGCTGACTTCAACCTTTCGAGGCTTTCGAGGCTTTCGAGGCT 1077
Qy 1261 CCAAGTTTTCCTAACGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAG 1320
Db 1078 AAGAGTCTTTCCTAACGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCG 1137
Qy 1321 TGAGTAAAGCTTTCACAAAGCGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCT 1380
Db 1138 TCTCTCAGGTTGCTCACAAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCT 1197
Qy 1381 GCGCTATGTTCTTGAAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTCGAGGCTTTC 1409
Db 1198 CTGCCACAGGGGTCAAAATTTGTTCCAAATG 1226

RESULT 13

US-09-960-352-12287
; Sequence 12287, Application US/09960352
; Patent No. US20020137139A1
; GENERAL INFORMATION:
; APPLICANT: Warren, Wesley C.
; APPLICANT: Taio, Nengbing
; APPLICANT: Byatt, John C.
; APPLICANT: Mathalagan, Nagappan
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND

QY 646 ATCAACCTGATTCTCAATTGCAATTAACTACTGCTAACGGTTTATTTTGTCTGAAGGTT 705
 Db 274 ACCAGCCAAACACACGCTGCACTGACCACTGGCAATGGTCTGTTCATCAATGAGAGTG 333
 QY 706 TAAATTTGGTTGACAAAATTCCTAGAGACGCTCAAGAACTATATCATAGTAGGCTTTTA 765
 Db 334 CAAAGCTAGTGGATACGTTTTTTGGAGGATGTCAAGAACCTGTATCATCTCCGAAGCCTTCT 393
 QY 766 CCGTTAATTTTGGTGATACTGAGGAAGCTAAAAGCAAAATTAATGATTATG 816
 Db 394 CCATCAACTTCAGGGATGCTGAGGAGGCCCAAGAGAAGATCAACGATTATG 444

Search completed: December 7, 2002, 02:10:03
 Job time : 63 secs

